ELSEVIER

J. Non-Newtonian Fluid Mech., 62 (1996) 315

Journal of Non-Newtonian Fluid Mechanics

Subject Index of Vol. 62

Boger fluids, 81

Capillary viscometer, 225
Chain molecular weight, 81
Concentration effects, 235
Constitutive equation, 279
Constitutive equations, 155
Cox–Merz rule, 279

Deformation-rate tensor, 95
Dilute polymer solutions, 235
Drag coefficient, 81
Drag reduction, 207
Dynamic response, 225

Extensibility, 81

FENE dumbbells, 235
Flour: Particle orientation, 175
Flow, 1
Free surface flows, 9
Fully developed pipe flow, 291

Gravity driven flow, 155

Herschel–Bukley liquid, 291
Higher moments, 207
Highly elastic fluids, 135

Intermittency, 207

K-BKZ constitutive equation, 55
Kinetic theory, 235

Mean field, 235
Multi fractality, 207

Network model, 307
Non-isothermal extrusion, 55
Nonlinear theory, 279
Numerical simulation, 253

Orientation, 115, 135

Planar contraction, 253
Power-law fluid film, 1
Power-law viscoplastic solid, 35

Rheological properties, 175

Semi-dilute fiber suspensions, 115, 135
Simple shear flow, 115, 135
Solvent quality, 81
Spin, 95
Squeeze flow, 35
Squire's theorem, 155
Stress jump, 307

Talc, 175
Talc–thermoplastic compounds, 175
Taylor diffusion, 225
Thixotropy, 291
Topological friction, 279
Transverse instability, 155
Turbulence, 207

Unsteady non-Newtonian flows, 9
Unsteady stretching surface, 1
Upwinding, 55

Viscoelasticity, 55
Viscoelastic flows, 253
Viscoplastic solid, 35
Vorticity, 95

Weakly elastic fluids, 115

ELSEVIER

J. Non-Newtonian Fluid Mech., 62 (1996) 316

Journal of Non-Newtonian Fluid Mechanics

Author Index of Vol. 62

Aarseth, J.B., 1
Andersson, H.I., 1
Astarita, G., 155
Azaiez, J., 253
Aït-Kadi, A., 253

Barakos, G., 55
Braud, N., 1

Chan Man Fong, C.F., 307
Cohen, C., 135

Dandapat, B.S., 1
De Kee, D., 307
Dealy, J.M., 225
Durban, D., 35
Duffy, B., 9

Escudier, M.P., 291

Guénette, R., 253
Gyr, A., 207

Hess, S., 235

Iso, Y., 135

Kaloni, P.N., 95
Koch, D.L., 135
Kröger, M., 235

Marrucci, G., 279
McKee, S., 9
Minale, M., 155
Mitsoulis, E., 55

Muller, S.J., 81

Presti, F., 291

Rey, A., 225

Schneggenburger, C., 235
Sherwood, J.D., 35
Smith, A.C., 95
Solomon, M.J., 81
Stüer, H., 207
Suh, C.H., 175

Tomé, M.F., 9

White, J.L., 175